

"CLEAN COPIES" of amended claims:

Sub B¹ 5
A1
1. (Once Amended) A voltage level translator for operating an operational amplifier integrated circuit designed for operation with a single ended power supply, to operate with a split level power supply having a center tapped ground, comprising:

first means for connecting a first polarity power supply terminal of the operational amplifier integrated circuit to a first polarity of the power supply,

10 second means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit to a second polarity of the split level power supply,

means for connecting a signal input terminal of the operational amplifier to a center tapped ground of the split level power supply and:

15 wherein another signal input terminal of the operational amplifier is coupled to a signal source referenced to ground without any DC isolation capacitors connected in series with the amplifier and the output terminal of the operational amplifier is coupled to a signal load referenced to ground without any DC isolation capacitors connected in series with the amplifier.

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2. Canceled.

A2 Sub C¹
3. (Once Amended) The voltage level translator of claim 1 wherein the signal load is a loudspeaker having one terminal referenced to ground.

Sub B²
A3
6. (Once Amended) A voltage level translator for operating an operational amplifier integrated circuit designed for operation with a single ended power supply, to operate with a split level power supply having a center tapped ground, comprising:

30 first means for connecting a first polarity power supply terminal of the operational amplifier integrated circuit to a first polarity of the power supply,

second means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit to a second polarity of the split level power supply, and

*Concluded
A3*

means for connecting a signal input terminal of the operational amplifier to a center tapped ground of the split level power supply.

wherein the split level power supply having a center tapped ground also provides power to other circuits performing other functions and:

5 wherein the amplifier includes an output load comprising an earphone and the other circuits performing other functions is a DVD player. 1.

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"CLEAN COPIES" of all active claims:

1. (Once Amended) A voltage level translator for operating an operational
5 amplifier integrated circuit designed for operation with a single ended power
supply, to operate with a split level power supply having a center tapped ground,
comprising:

first means for connecting a first polarity power supply terminal of the
operational amplifier integrated circuit to a first polarity of the power supply,

10 second means for connecting a second polarity power supply terminal of the
operational amplifier integrated circuit to a second polarity of the split level power
supply,

means for connecting a signal input terminal of the operational amplifier to a
center tapped ground of the split level power supply and:

15 wherein another signal input terminal of the operational amplifier is coupled
to a signal source referenced to ground without any DC isolation capacitors
connected in series with the amplifier and the output terminal of the operational
amplifier is coupled to a signal load referenced to ground without any DC isolation
capacitors connected in series with the amplifier.

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2. Canceled.

3. (Once Amended) The voltage level translator of claim 1 wherein the
signal load is a loudspeaker having one terminal referenced to ground.

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4. (Unchanged) The voltage level translator of claim 1 wherein the amplifier
includes a plurality of amplifiers on the same integrated circuit chip having a
common substrate, and all of the plurality of amplifiers are also voltage level
translated, the substrate being biased the same amount with respect to each of the
30 plurality of amplifiers.

5. (Unchanged) The voltage level translator of claim 1 wherein the split level power supply having a center tapped ground also provides power to other circuits performing other functions.

5 6. (Once Amended) A voltage level translator for operating an operational amplifier integrated circuit designed for operation with a single ended power supply, to operate with a split level power supply having a center tapped ground, comprising:

first means for connecting a first polarity power supply terminal of the
10 operational amplifier integrated circuit to a first polarity of the power supply,

second means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit to a second polarity of the split level power supply, and

means for connecting a signal input terminal of the operational amplifier to a
15 center tapped ground of the split level power supply.

wherein the split level power supply having a center tapped ground also provides power to other circuits performing other functions and:

wherein the amplifier includes an output load comprising an earphone and the other circuits performing other functions is a DVD player. 1.

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7. (Unchanged) The voltage level translator of claim 1 wherein the amplifier has an AC reference which is connected to the DC voltage ground.

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